



US Army Corps
of Engineers

Captured Enemy Ammunition





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- Many Caches
- Many Tons of Ammo
- Iraq is larger than California
- Threat
 - IEDs
 - Ambush
 - Weather
 - Winter Rain/Cold/Mud
 - Summer Heat/Dust
 - 9 hour time difference
- Logistics

Challenge



IED 27 Jan



Taji 14 Jan



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Ammunition Condition

Pristine to Chaos

- Old Ammo
- Looting
- Loose Propellant





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Ammunition Types



SA-13



Incendiary Bomb



Mortar & Sagger



Sabot & Heat



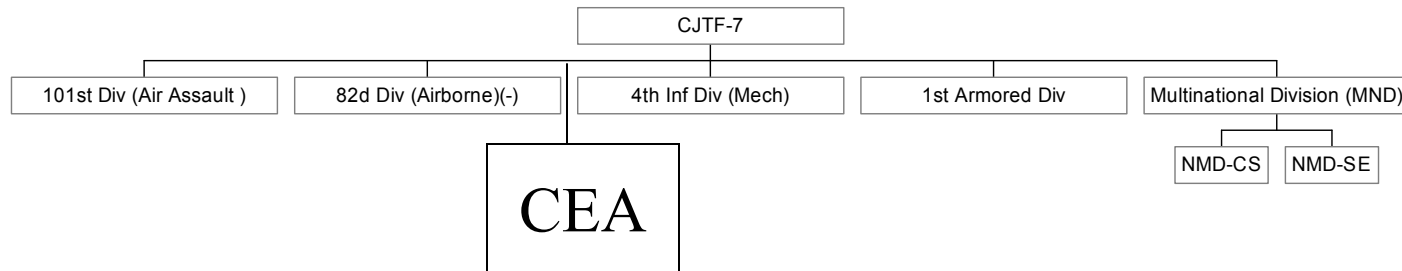
VS-1 Mine



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Background

Organization for Combat



- MSCs had initial responsibility
- Division Artillery given mission
- Executed mission with vigor
- Limited assets
 - EOD
 - Transportation
 - Ammunition Handlers



12 Oct 2003



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Captured Enemy Ammunition

- WHY Huntsville USACE
 - UXO Safety Specialists
 - Contracts
 - Corps Center of Expertise for OE
 - Corps Design Center for OE
 - Corps Center of Expertise for Ranges
 - Program & Project Management



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Background

- HNC Personnel supported TF RIO/CJTF-7
- Site assessment - June/July 2003
- Mission requirements
 - Collect at 6 sites (depots)
 - Transport to demolition site
 - Demil through demolition
- Actions
 - Site assessment
 - Scope of work
 - Cost estimate
- Team arrives in Baghdad – 28 Aug





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Mission Objectives

Support Coalition forces

- Reduce/replace active military with Corps of Engineers/Contractor assets
- Provide “cradle to grave” CEA support services
- Maximize use of Iraqi labor/assets
- Facilitate transfer to people of Iraq



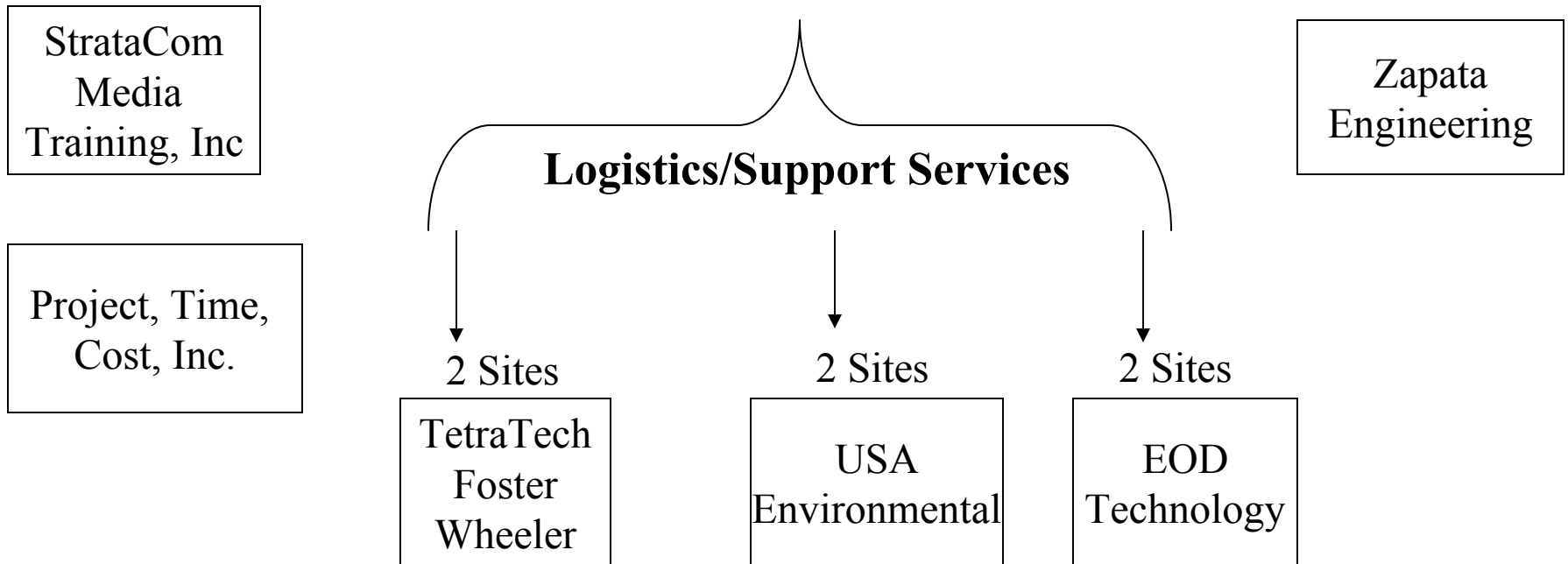
Arlington

25 Sep 03



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Contractor Support





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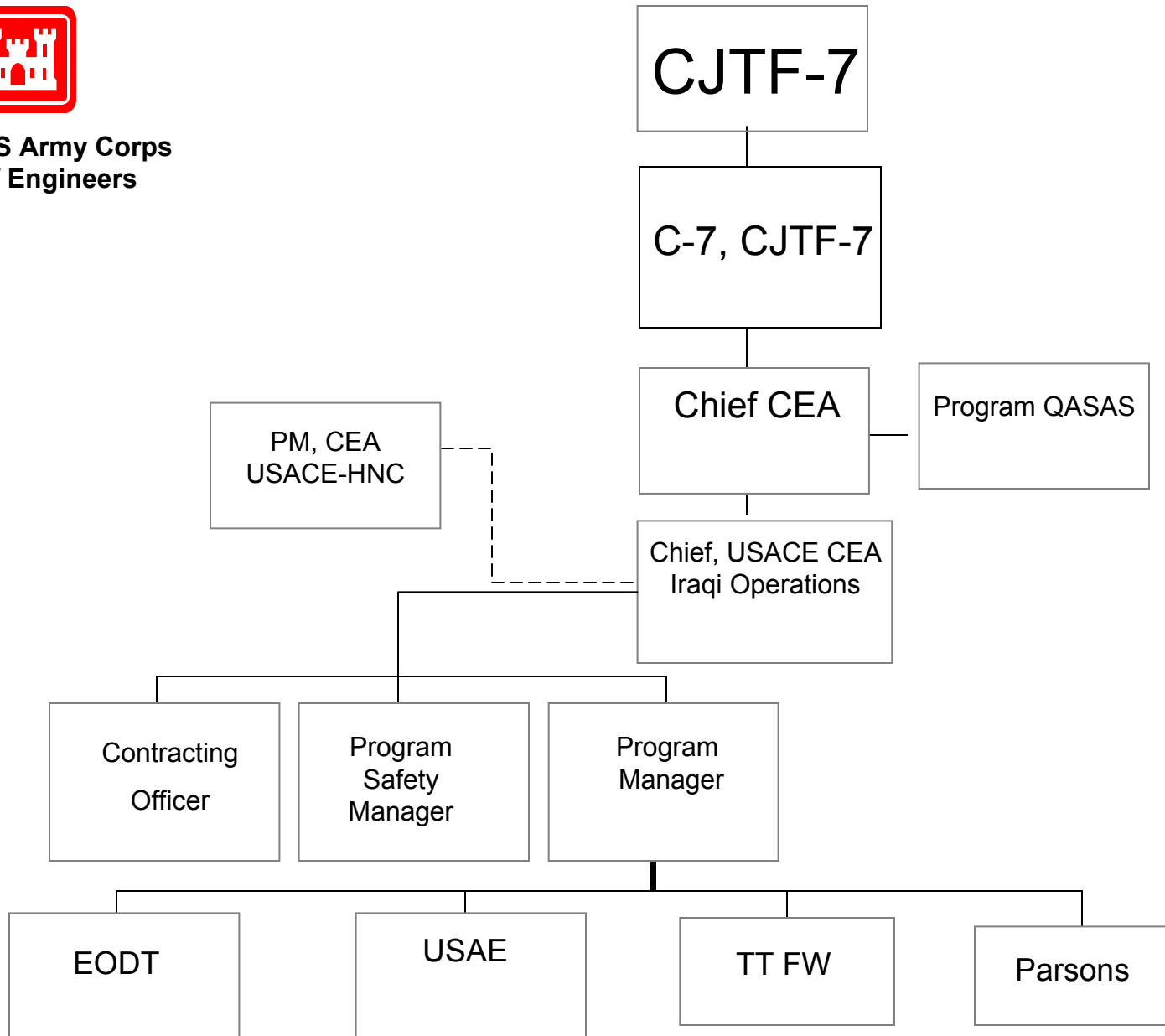
Revised Mission

- Transport, collect & demil CEA
- Transportation:
 - From cache to collection site (New)
 - From collection site to demolition site
- Collection – store, secure, inventory & manage 200 tons/day/site
- Demil – safely dispose of 100 tons/day/site
- Provide life support, security, equipment, vehicles & labor to support CEA processing

CEA Iraq Organization



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Operational Status

- Operating sites
 - Still improving life support
 - Security posture evolving
- Additional Contractor teams support MSCs
 - Surveying caches
 - Clearing caches





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CEA Area of Operations





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Site Organization

- USACE:
 - Project Manager
 - OE Safety Specialist
- DA QASAS (120-180 day tours)
- OE Site Manager
 - Site Safety
 - EOD Techs
 - Ammo Handlers
 - Security/Paramedics
- Parsons Site Manager
 - Site Engineer
 - Logistics Specialist
 - Iraqi Labor





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Personnel Status

- USACE:
 - Iraq Project Office and CEA Sites – 10
- US/TCN Contractors - 500
- Local Hires
 - Laborers, local security, etc. – 1200



Contractor & Kids



Work on Site

Approximate As of (01/31/04)



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Quality of Life

- Tents transitioning to hard structures
- Same standard as soldiers



Palace patio



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Quality of Life (Con't)

Pioneer Camp

6 13:30

Operational
Site



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- Threat
 - Improvised Explosive Devices
 - Snipers
 - Ambushes
- Security Forces
 - Military
 - Contract Security
- Base security
- Convoy security
 - Personnel
 - Ammunition

Security

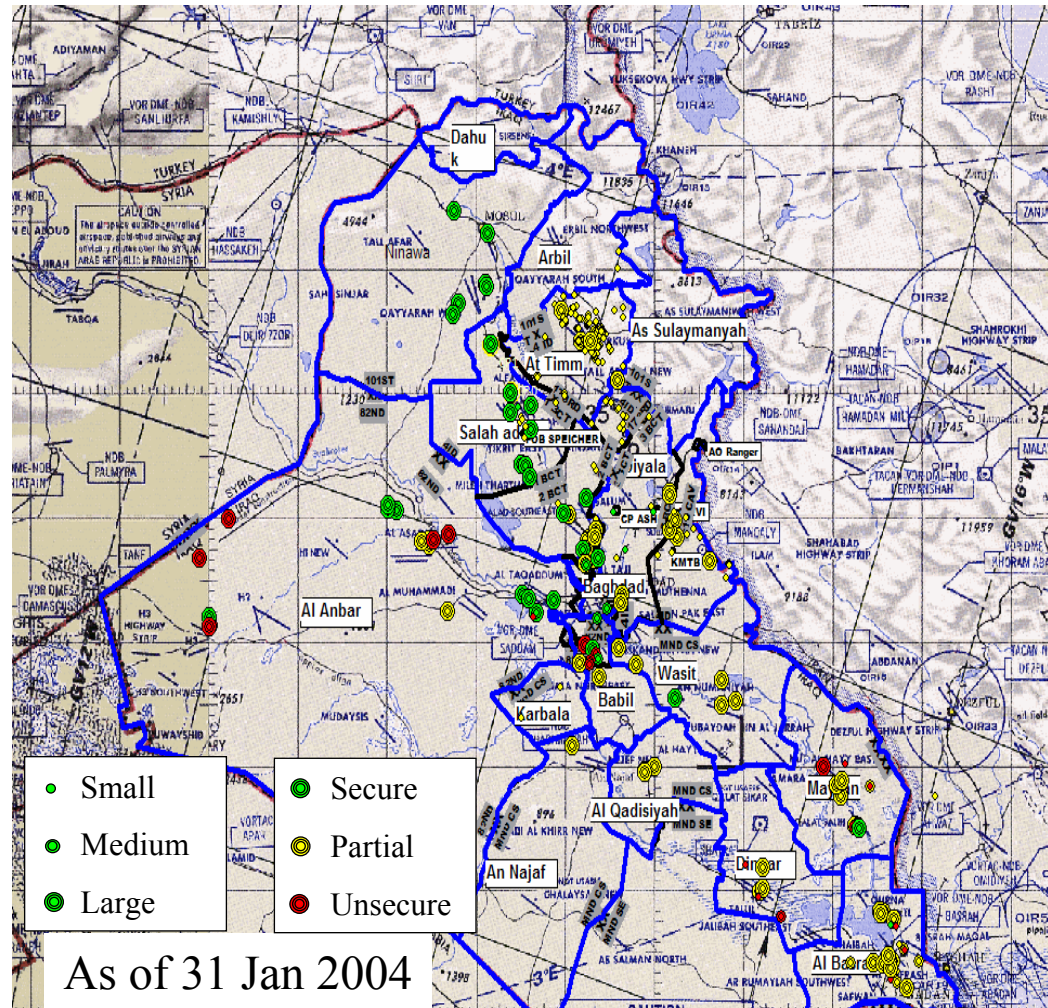




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CEA Caches

- Caches Found - 7650
- Caches Cleared – 7500
- Caches Remaining – 150
- Tons Secured – ~350K T
- Tons Received – 62,500T
- Tons Demiled – 36,900T





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Demo Shots/Burns





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One of Saddam's Palaces

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